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FM EXAMINER

September 2, 1992

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SEP - 2 1992

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Donna Searcy
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, DC 20554

Re: File No. BPH-920430MD
Stephen O. Meredith
Channel 243C1, Audubon, Iowa

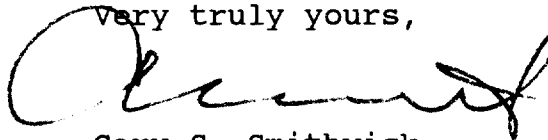
Dear Ms. Searcy:

Transmitted herewith, on behalf of Stephen O. Meredith, applicant for a construction permit for a new FM station at Audubon, Iowa, are an original and two copies of an amendment to the above-referenced application.

Mr. Meredith's application was listed as accepted for tender by the Commission in Public Notice, Report No. 15320, released August 4, 1992. Therefore, this amendment is timely filed as a matter of right pursuant to Title 47 C.F.R. 73.3522(a)(6) within 30 days following August 4, 1992.

If there are any questions with respect to this matter, please communicate with the undersigned.

Very truly yours,



Gary S. Smithwick
Counsel for
STEPHEN O. MEREDITH

Enc.
GSS/lmv.B0902

cc: Audubon Public File
Mr. Stephen O. Meredith

Before the
Federal Communications Commission

Washington, D.C. 20554

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In re Application of)

STEPHEN O. MEREDITH)

File No. BPH-920430MD

For Construction Permit)

For a New Commercial)

FM Station at)

Audubon, Iowa)

SEP - 2 1992
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

AMENDMENT

The above-captioned application for construction permit for a new commercial FM station at Audubon, Iowa, is amended by (1) associating therewith the attached Broadcast Equal Employment Opportunity Model Program Report; (2) substituting the attached page 25 of FCC Form 301 which changes the applicant's response to Section VI (Question 1), and provides information relative to the applicant's new proposed transmitter site in Section VII (Questions 1-3); and (3) substituting the attached pages of Section V (engineering data).

Executed the 1st day September, 1992.

STEPHEN O. MEREDITH

By: 

Stephen O. Meredith

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☒ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 896-A).

SECTION VII - CERTIFICATIONS

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3580?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

Exhibit No.

If No, attach as an Exhibit, a full explanation.

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted

Verna A. Kragelund

Telephone No. (include area code)

712-762-3232

Person contacted: (check one box below)

☒ Owner

☐ Owner's Agent

☐ Other (specify)

4. The applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 863a, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

BROADCAST EQUAL EMPLOYMENT OPPORTUNITY

MODEL PROGRAM REPORT

1. APPLICANT

Name of Applicant STEPHEN O. MEREDITH	Address 85 Glen Cross Road Wellesley, MA 02181
Telephone Number (include area code) (617) 439-4444	

2. This form is being submitted in conjunction with:

☒ Application for Construction Permit for New Station ☐ Application for Assignment of License

☐ Application for Transfer of Control

(a) Call letters (or channel number of frequency) _____

(b) Community of License (city and state) _____

(c) Service: ☐ AM ☐ FM ☐ TV ☐ Other (Specify) _____

INSTRUCTIONS

Applicants seeking authority to construct a new commercial, noncommercial or international broadcast station, applicants seeking authority to obtain assignment of the construction permit or license of such a station, and applicants seeking authority to acquire control of an entity holding such construction permit or license are required to afford equal employment opportunity to all qualified persons and to refrain from discrimination in employment and related benefits on the basis of race, color, religion, national origin or sex. See Section 73.2080 of the Commission's Rules. Pursuant to these requirements, an applicant who proposes to employ five or more full-time employees must establish a program designed to assure equal employment opportunity for women and minority groups (that is, Blacks not of Hispanic origin, Asians or Pacific Islanders, American Indians or Alaskan Natives and Hispanics). This is submitted to the Commission as the Model EEO Program. If minority group representation in the available labor force is less than five percent (in the aggregate), a program for minority group members is not required. In such cases, a statement so indicating must be set forth in the EEO model program. However, a program must be filed for women since they comprise a significant percentage of virtually all area labor forces. If an applicant proposes to employ fewer than five full-time employees, no EEO program for women or minorities need be filed.

Guidelines for a Model EEO Program and a Model EEO Program are attached.

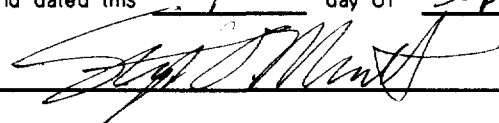
NOTE: Check appropriate box, sign the certification below and return to FCC:

☐ Station will employ fewer than 5 full-time employees; therefore no written program is being submitted.

☒ Station will employ 5 or more full-time employees. Our Model EEO Program is attached. (You must complete all sections of this form.)

I certify that the statements made herein are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Signed and dated this 1st day of September, 1992

Signed 

Title _____

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.**

GUIDELINES TO THE MODEL EEO PROGRAM

The model EEO program adopted by the Commission for construction permit applicants, assignees and transferees contains five sections designed to assist the applicant in establishing an effective EEO program for its station. The specific elements which should be addressed are as follows:

I. GENERAL POLICY

The first section of the program should contain a statement by the applicant that it will afford equal employment opportunity in all personnel actions without regard to race, color, religion, national origin or sex, and that it has adopted an EEO program which is designed to fully utilize the skills of qualified minorities and women in the relevant available labor force.

II. RESPONSIBILITY FOR IMPLEMENTATION

This section calls for the name (if known) and title of the official who will be designated by the applicant to have responsibility for implementing the station's program.

III. POLICY DISSEMINATION

The purpose of this section is to disclose the manner in which the station's EEO policy will be communicated to employees and prospective employees. The applicant's program should indicate whether it: (a) intends to utilize an employment application form which contains a notice informing job applicants that discrimination is prohibited and that persons who believe that they have been discriminated against may notify appropriate governmental agencies; (b) will post a notice which informs job applicants and employees that the applicant is an equal opportunity employer and that they may notify appropriate governmental authorities if they believe that they have been discriminated against; and (c) will seek the cooperation of labor unions, if represented at the station, in the implementation of its EEO program and in the inclusion of nondiscrimination provisions in union contracts. The applicant should also set forth any other methods it proposes to utilize in conveying its EEO policy (e.g., orientation materials, on-air announcements, station newsletter) to employees and prospective employees.

IV. RECRUITMENT

The applicant should specify the recruitment sources and other techniques it proposes to use to attract qualified minority and female job applicants. Not all of the categories of recruitment sources need be utilized. The purpose of the listing is to assist the applicant in developing specialized referral sources to establish a pool of qualified minorities and women who can be contacted as job opportunities occur. Sources which subsequently prove to be nonproductive should not be relied on and new sources should be sought.

V. TRAINING

Training programs are not mandatory. Each applicant is expected to decide, depending upon its own individual situation, whether a training program is feasible and would assist in its effort to increase the available pool of qualified minority and female applicants. Additionally, the applicant may set forth any other assistance it proposes to give to students, schools or colleges which is designed to be of benefit to minorities and women interested in entering the broadcasting field. The beneficiary of such assistance should be listed, as well as the form of assistance, such as contributions to scholarships, participation in work study programs, and the like.

MODEL EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

I. GENERAL POLICY

It will be our policy to provide employment opportunity to all qualified individuals without regard to their race, color, religion, national origin or sex in all personnel actions including recruitment, evaluation, selection, promotion, compensation, training and termination.

It will also be our policy to promote the realization of equal employment opportunity through a positive, continuing program of specific practices designed to ensure the full realization of equal employment opportunity without regard to race, color, religion, national origin or sex.

To make this policy effective, and to ensure conformance with the Rules and Regulations of the Federal Communications Commission, we have adopted an Equal Employment Opportunity Program which includes the following elements:

II. RESPONSIBILITY FOR IMPLEMENTATION

(Name/Title) **General Manager to be employed** will be responsible for the administration and implementation of our Equal Employment Opportunity Program. It will also be the responsibility of all persons making employment decisions with respect to the recruitment, evaluation, selection, promotion, compensation, training and termination of employees to ensure that our policy and program is adhered to and that no person is discriminated against in employment because of race, color, religion, national origin or sex.

III. POLICY DISSEMINATION

To assure that all members of the staff are cognizant of our equal employment opportunity policy and their individual responsibilities in carrying out this policy, the following communication efforts will be made:

- ☒ The station's employment application form will contain a notice informing prospective employees that discrimination because of race, color, religion, national origin or sex is prohibited and that they may notify the appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- ☒ Appropriate notices will be posted informing applicants and employees that the station is an Equal Opportunity Employer and of their right to notify an appropriate local, State or Federal agency if they believe they have been the victims of discrimination.
- ☐ We will seek the cooperation of unions, if represented at the station, to help implement our EEO program and all union contracts will contain a nondiscrimination clause.
- ☐ Other (specify)

IV. RECRUITMENT

To ensure nondiscrimination in relation to minorities and women, and to foster their full consideration whenever job vacancies occur, we propose to utilize the following recruitment procedures:

- ☒ We will contact a variety of minority and women's organizations to encourage the referral of qualified minority and women applicants whenever job vacancies occur. Examples of organizations we intend to contact are:

Nearby Chapters of Women in Communications
Jaycees
Junior Federated

- ☒ In addition to the organizations noted above, which specialize in minority and women candidates, we will deal only with employment services, including State employment agencies, which refer job candidates without regard to their race, color, religion, national origin or sex. Examples of these employment referral services are:

Department of Job Service, State of Iowa
Iowa Job Service Computer Network

- ☒ When we recruit prospective employees from educational institutions such recruitment efforts will include area schools and colleges with minority and women enrollments. Educational institutions to be contacted for recruitment purposes are:

University of Iowa
Community College System in Western Iowa

- ☒ When we place employment advertisements with media some of such advertisements will be placed in media which have significant circulation or viewership or are of particular interest to minorities and women. Examples of media to be utilized are:

Des Moines Register
Omaha World Herald
Atlantic News Telegraph
Audubon News Advocate

- ☒ We will encourage employees to refer qualified minority and women candidates for existing and future job openings.

V. TRAINING

- ☐ Station resources and/or needs will be such that we will be unable or do not choose to institute programs for upgrading the skills of employees.
- ☒ We will provide on-the-job training to upgrade the skills of employees.
- ☒ We will provide assistance to students, schools, or colleges in programs designed to enable qualified minorities and women to compete in the broadcast employment market on an equitable basis:

School or Other Beneficiary
Local High Schools
NW Missouri State College

University of Iowa

Proposed Form of Assistance
Internships, Multi-occupation prog.
Internships, Work-study program

Internships, Work-study program

- ☐ Other (specify)

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the application requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers, and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information requested is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3) AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

ORIGINAL

ENGINEERING EXHIBITS

AMENDMENT TO THE
APPLICATION FOR
CONSTRUCTION PERMIT FOR
NEW FM BROADCAST STATION

AUDUBON, IOWA
CHANNEL 243C1 - 96.5 MHz
ERP 100 kW AT 161 METRES AAT

Stephen O. Meredith

August 1992

GALLAGHER & ASSOCIATES

CONSULTING RADIO ENGINEERS

CLARKSVILLE MD

PROPOSED NEW STATION
AUDUBON, IOWA
96.5 MHz, 100 kW AT 161 METRES AAT

CONTENTS OF REPORT

Section V-B of FCC Form 301

EXHIBIT NO. E-1	Engineering Statement
EXHIBIT NO. E-2	Vertical Sketch
EXHIBIT NO. E-3	U.S.G.S. 7.5 Minute Quadrangle Showing Transmitting Site
EXHIBIT NO. E-4	Tabulation of Distances to Field Strength Contours
EXHIBIT NO. E-5	Map Showing Coverage Contours and City Limits

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Stephen O. Meredith

Call letters (if issued)

None

Is this application being filed in response to a window? ☐ Yes ☒ No

If Yes, specify closing date: _____

Purpose of Application: (check appropriate boxes)

☒ Construct a new (main) facility

☐ Construct a new auxiliary facility

☐ Modify existing construction permit for main facility

☐ Modify existing construction permit for auxiliary facility

☐ Modify licensed main facility

☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☐ Antenna supporting-structure height

☐ Effective radiated power

☐ Antenna height above average terrain

☐ Frequency

☐ Antenna location

☐ Class

☐ Main Studio location

☐ Other (Summarize briefly)

File Number(s) Amendment to BPH-920430MD

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
243	Audubon	Audubon	IA

Class (check only one box below)

☐ A ☐ B1 ☐ B ☐ C3
☐ C2 ☒ C1 ☐ C

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

5.8 Kilometres west-southwest of Anita, Cass county, Iowa

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	41	°	26	'	07	"	Longitude	94	°	50	'	00	"
----------	----	---	----	---	----	---	-----------	----	---	----	---	----	---

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both.

N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	0	Longitude	0
----------	---	-----------	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Concurrently with this application Office where filed Central Region
 Date Kansas City

Exhibit No. N/A

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	Anita	4.9	87
(b)			

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 421 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 152 meters

(3) of the top of supporting structure above mean sea level $[(a)(1) + (a)(2)]$ 573 meters

(b) Height of radiation center: (to the nearest meter) H - Horizontal; V - Vertical

(1) above ground 135 meters (H)

135 meters (V)

(2) above mean sea level $[(a)(1) + (b)(1)]$ 556 meters (H)

556 meters (V)

(3) above average terrain 161 meters (H)

161 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No. E-2

9. Effective Radiated Power:

(a) ERP in the horizontal plane 100 kw (H*) 100 kw (V*)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

N/A kw (H*) N/A kw (V*)

Exhibit No. N/A

*Polarization

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.
N/A

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 316 mV/m service.

Exhibit No.
N/A

12. Will the main studio be within the ~~protected~~ ^{predicted} 316 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.
N/A

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☒ Yes ☐ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

N/A ☐ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
N/A

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
N/A

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
N/A

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibit(s).

14. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(a) and 73.318.)

Exhibit No.
E-1

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V (D). The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
E-3

16. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
E-5

(a) the proposed transmitter location, and the radials along which profile graphs have been prepared;

(b) the 316 mV/m and 1 mV/m predicted contours; and

(c) the legal boundaries of the principal community to be served.

17. Specify area in square kilometers (1 sq. mi. = 259 sq. km) and population (latest census) within the predicted 1 mV/m contour.

Area 11,164 sq. km. Population 96,226

18. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No.
N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license.

19. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313)*

Source of terrain data: *(check only one box below)*

☒ Linearly interpolated 30-second database ☐ 7.5 minute topographic map

(Source: NGDC)

☐ Other *(briefly summarize)*

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances	
		To the 316 mV/m contour (kilometers)	To the 1 mV/m contour (kilometers)
.			
0			
45	SEE	EXHIBIT NO.	E-4
90			
135			
180			
225			
270			
315			

*Radial through principal community, if not one of the major radials. This radial should NOT be included in the calculation of HAAT.

20. Environmental Statement/See 47 C.F.R. Section 1.1301 et seq.

Would a Commission grant of this application come within Section 11307 of the FCC Rules, such that it may have a significant environmental impact? ☐ Yes ☒ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 11311.

Exhibit No.
N/A

If No, explain briefly why not.

See Exhibit No. E-1

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.


Name (Typed or Printed) Charles I. Gallagher	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer
Signature 	Address (Include ZIP Code) Gallagher & Associates 5385 Broadwater Lane Clarksville, MD 21029
Date August 28, 1992	Telephone No. (Include Area Code) (301) 854 - 2636

EXHIBIT NO. E-1

ENGINEERING STATEMENT
IN REGARD TO THE AMENDMENT TO THE
APPLICATION FOR CONSTRUCTION PERMIT
NEW FM BROADCAST STATION
CHANNEL 243C1, 96.5 MHz
ERP 100 kW AT 161 METRES AAT

This engineering statement and associated exhibits have been prepared on behalf of Stephen O. Meredith, an applicant for a new FM broadcast station at Audubon, Iowa, (FCC file number BPH-920430MD) to operate on Channel 243C1 with an effective radiated power of 100 kW and an antenna height of 159 metres above average terrain. This amendment specifies a different transmitting site and antenna height. This engineering report contains Section V-B of FCC Form 301 and the exhibits and data required by that section and the FCC Rules. It is complete within itself and supersedes all information and data presently on file.

The location original proposed was rejected by the F. A. A. because of its proximity to Anita Airport. The location of the transmitting site proposed in this amendment is described on the forms and exhibits attached hereto, and will comply with all of the separation requirements of Section 73.207 of the FCC Rules.

There are no FM or TV stations within 10 kilometres of the proposed site. Although located in a sparsely populated area, there are some residences within the "blanket" radius of 3.9 kilometres (2.5 miles). The applicant agrees to rectify complaints of interference in accordance with Section 73.318 of the Commission's Rules. The effects of receiver induced intermodulation are dependent on the characteristics of the individual receivers involved and therefore cannot be predicted, however, no problems are expected. If complaints of interference are received, the applicant agrees to rectify any complaints in accordance with Section 73.318 of the Commission's Rules, and past policies regarding such interference.

Exhibit No. E-5 is a Department of Commerce World Aeronautical Chart showing the proposed site, radials used for terrain analysis, the 3.16 mV/m and 1 mV/m contours, and the city limits of Audubon, as well as the original printed latitude and longitude markings. The distance to the field strength contours shown were determined in accordance with Section 73.313 of the Commission's Rules using a computer program that duplicates the results that would be obtained from Figure 1 of Section 73.333 of the Rules. The average 3 to 16 kilometre terrain elevation of each radial was computer generated using the National Geophysical Data Center thirty-second data point data base.

In October, 1985, the Commission issued OST Bulletin No. 65, entitled "Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Radiation". The following evaluation is based on worst case figures from Table 1 for FM, page 37, (Appendix B) of OST No. 65. That table shows that an FM station with a combined effective radiated power (ERP) of 200 kW (H+V) must have a center of radiation above ground level of at least 81.7 metres. It is proposed to operate with a combined ERP of 200 kW and an antenna height of 135 metres above ground level. As can be seen, the operation as proposed herein will comply with the guidelines in OST-65, since none of the area within 81.7 metres of the antenna will be accessible to the public. A fence or anti-climbing device will be installed to prevent unauthorized access to the tower.

The following procedures have been established for workers who must climb the tower. All tower work must be scheduled in advance, and arrangements made for a technical representative of the station to be present while tower work is in progress. The station will be operated under local control and the operator on duty at the transmitter site will monitor the location of the workers on the tower, and will adjust the power levels of the transmitter as follows: If the workers are at a distance in excess of 82 metres from the nearest element of the antenna

(less than 39 metres from the ground), the transmitter will continue to operate at full power. If the workers are less than 82 metres but more than 58 metres from the antenna (more than 39 metres but less than 63 metres above ground), the transmitter shall be operated at half power. If the workers are less than 58 metres from the antenna (more than 63 metres above ground), the station will cease operation until the workers descend below this level, then the transmitter will be operated at power levels consistent with the above figures. The above figures are based on the worse case figures in Table 1, Appendix B, of OST Bulletin No. 65.

The proposed transmitting site would not involve construction in conflict with any of the conditions described in Section 1.1307 of the FCC Rules, and, as discussed above, the proposed operation would not involve conflict with Section 1.1307(b) of the FCC Rules. Therefore, pursuant to Section 1.1306(b) of the Rules, any Commission action with respect to this application would be categorically excluded from environmental processing.

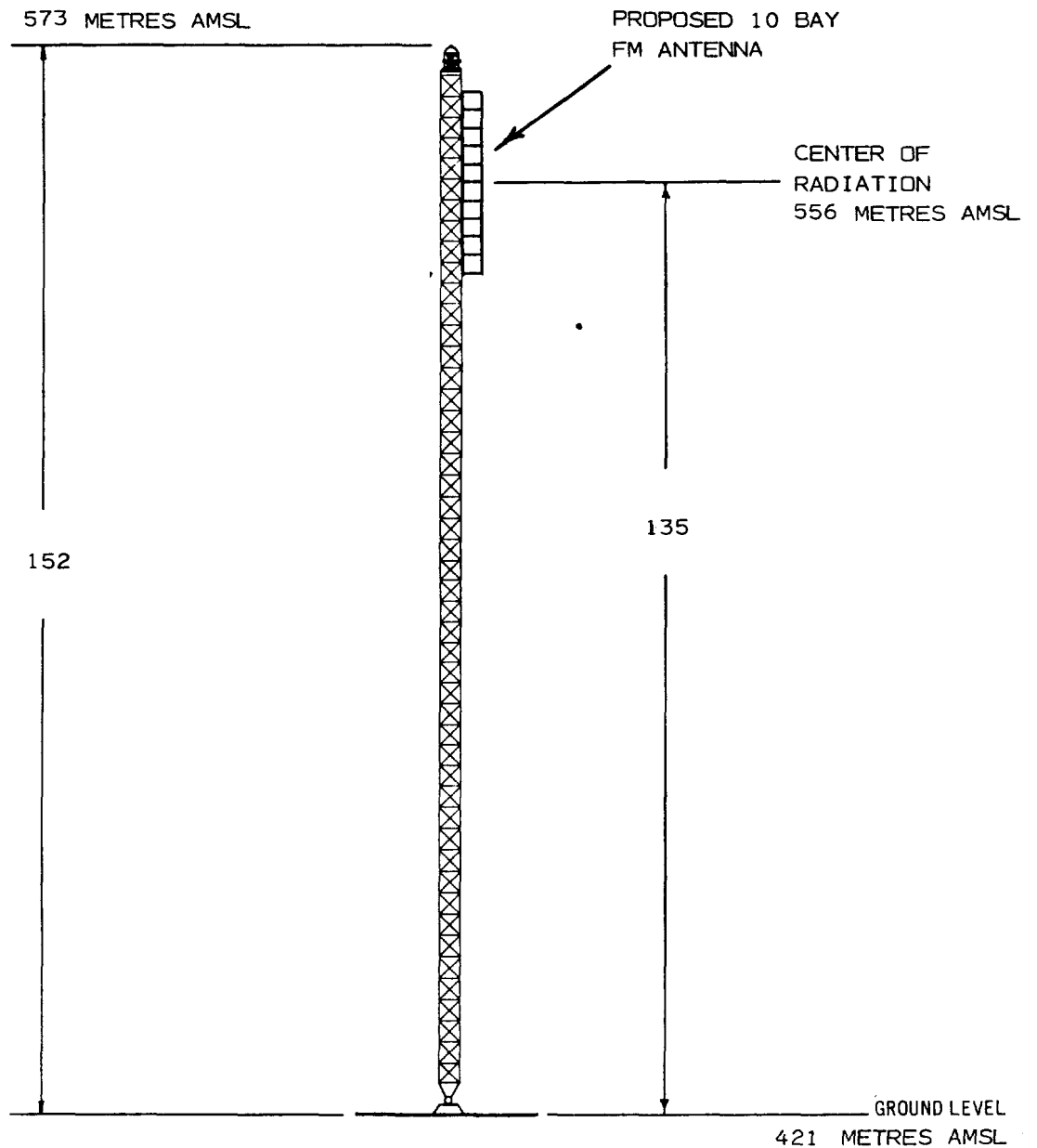
It is believed that the operation proposed herein will be in accordance with all of the allocation and technical requirements of the FCC Rules governing FM broadcast stations.

This engineering statement and associated exhibits have been prepared by or under the direct supervision of Charles I. Gallagher, who states that he is a Consulting Radio Engineer, and a Registered Professional Engineer in the State of Maryland, No. 11415, that his qualifications are a matter of record with the Federal Communications Commission, having been presented on previous occasions. All data and statements contained herein are true and correct to the best of his knowledge and belief.


Charles I. Gallagher

August 28, 1992

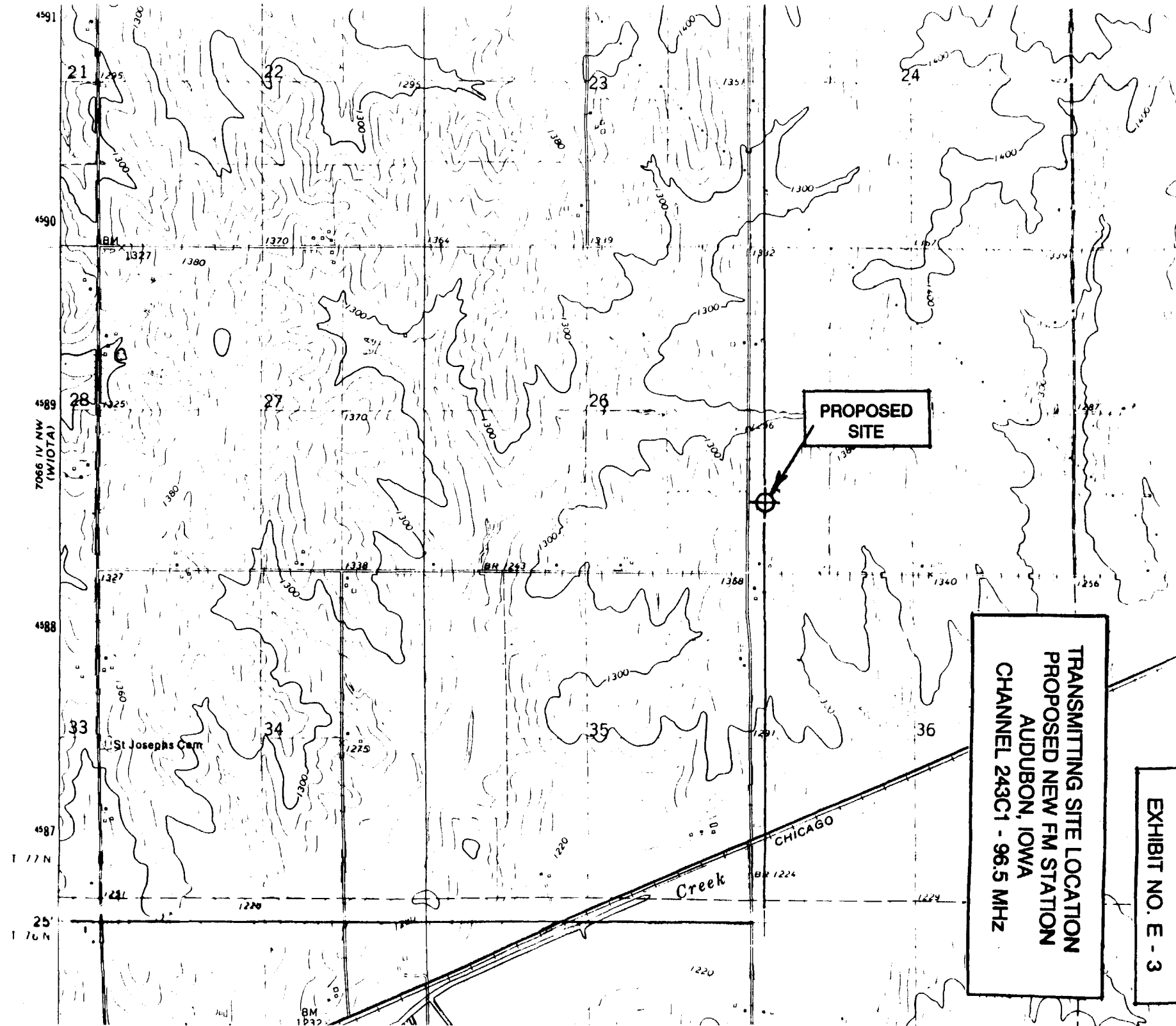
ALL HEIGHTS IN METRES



NOT TO SCALE

GALLAGHER & ASSOCIATES
CONSULTING RADIO ENGINEERS CLARKSVILLE, MD

VERTICAL SKETCH
PROPOSED OPERATION
NEW FM, AUDUBON, IOWA



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344000m.E. ↑ EXIRA 6 MI

345

346

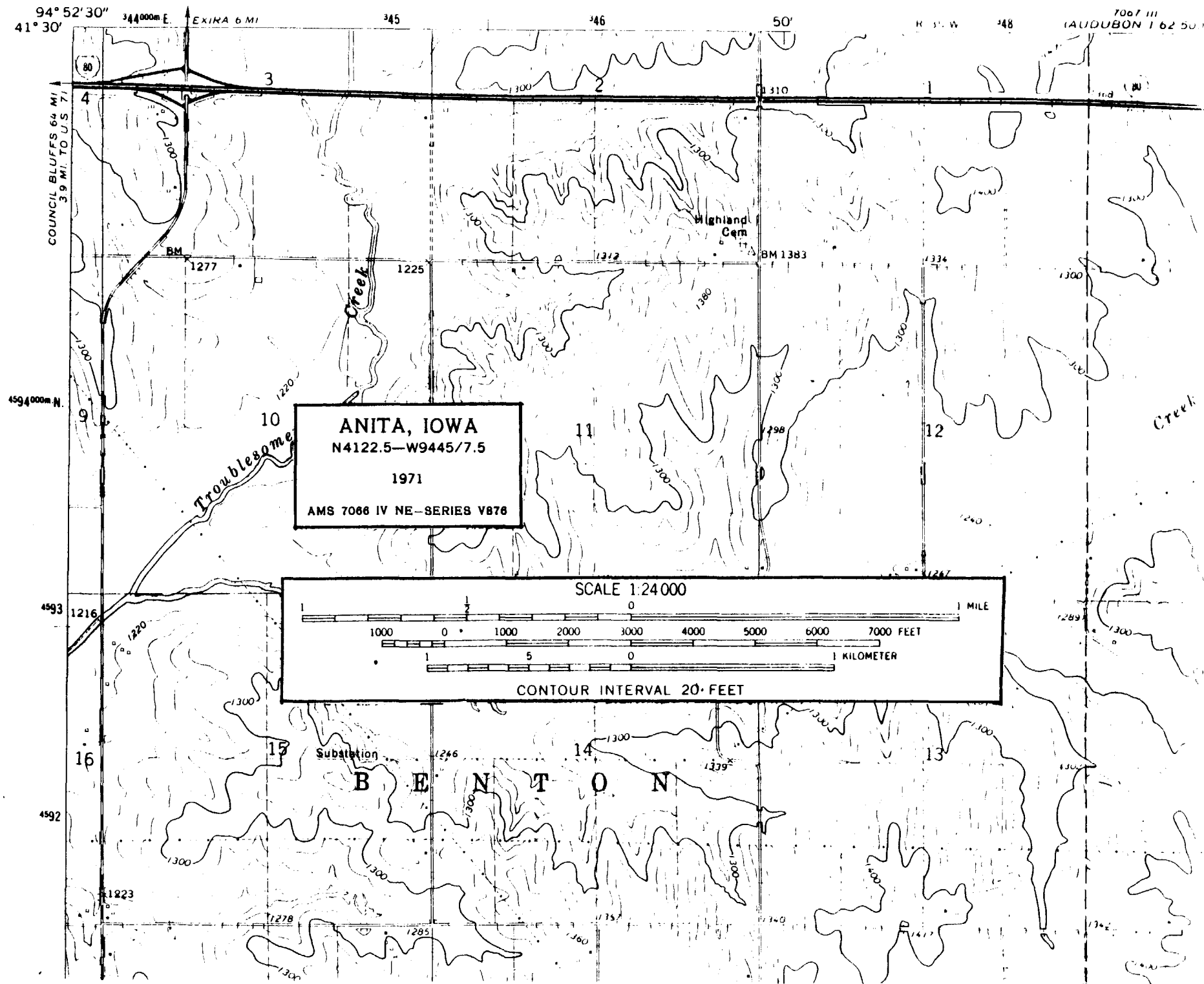
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R. S. W.

48

7067 III

(AUDUBON 16250)



GALLAGHER & ASSOCIATES

CONSULTING RADIO ENGINEERS

CLARKSVILLE MD

EXHIBIT NO. E-4

CALCULATED COVERAGE CONTOURS
NEW FM BROADCAST STATION
AUDUBON, IOWA
ERP 100 KW AT 161 METRES AAT

AZIMUTH DEGREES	ANTENNA HAAT(METRES)	E.R.P. IN KW	70 dBu KILOMETRES	60 dBu KILOMETRES
0	160	100.0	39.2	59.6
45	134	100.0	36.2	56.2
90	156	100.0	38.8	59.1
135	147	100.0	37.8	58.0
180	156	100.0	38.8	59.1
225	176	100.0	40.9	61.4
270	183	100.0	41.6	62.1
315	174	100.0	40.7	61.2
346*	160	100.0	39.2	59.6

Antenna height above average terrain = 161 METRES

* Radial through principal community, NOT included in average
Average figures are expressed to the nearest whole
number and are based on accuracy to nearest metre.

CF-17

WORLD AERONAUTICAL CHART
SCALE 1:1,000,000Lambert Conformal Conic Projection Standard Parallels 41°20' and 46°40'
Topographic data corrected to February 1973AUDUBON
CITY LIMITS70 dBu
3.16 mV/m
CONTOUR60 dBu
1 mV/m
CONTOURPROPOSED
SITEGALLAGHER & ASSOCIATES
CONSULTING RADIO ENGINEERSCALCULATED COVERAGE CONTOURS
NEW FM BROADCAST STATION
AUDUBON, IOWA
ERP 100 KW AT 161 METRES AAT
CHANNEL 243C1 - 96.5 MHzThe field strength contours shown on this
map were calculated using the procedures
set forth in the FCC Rules. Actual field
strengths may be different than shown.